NUMBER 1, JANUARY

906	-	

LEONARD, G. H., M. D. BERTNESS, AND P. O. YUND. Crab predation, waterborne	
cues, and inducible defenses in the blue mussel, Mytilus edulis	1–14
temperatures using climatological data	15–34
Plications for assessing processes that determine abundance	35–50
tenance by physical processes and larval recruitment	51-69
and endemic herbs on serpentine	70-80
of forest-landscape fire disturbance and succession ABRAHAMSON, W. G. Episodic reproduction in two fire-prone palms, Serenoa	81-99
repens and Sabal etonia (Palmae) Lehtilä, K., and S. Y. Strauss. Effects of foliar herbivory on male and female	100-115
reproductive traits of wild radish, Raphanus raphanistrum	116-124
floral herbivory for pollinator service to Isomeris arborea	125-134
KRUPNICK, G. A., AND A. E. Weis. The effect of floral herbivory on male and female reproductive success in <i>Isomeris arborea</i>	135-149
EVANS, R. D., AND J. BELNAP. Long-term consequences of disturbance on nitrogen dynamics in an arid ecosystem	150-160
ALM, J., L. SCHULMAN, J. WALDEN, H. NYKÄNEN, P. J. MARTIKAINEN, AND J. SILVOLA. Carbon balance of a boreal bog during a year with an exceptionally	161 174
dry summer	161–174
dicted by near infrared reflectance spectroscopy?	175–186
differential seedling mortality and growth	187–201
HUISMAN, J., R. R. JONKER, C. ZONNEVELD, AND F. J. WEISSING. Competition for light between phytoplankton species: experimental tests of mechanistic	202–210
theory VINEBROOKE, R. D., AND P. R. LEAVITT. Differential responses of littoral com-	211–222
munities to ultraviolet radiation in an alpine lake	223–237
ants by the invasive Argentine ant Losos, J. B., and D. A. Spiller. Differential colonization success and asym-	238–251
metrical interactions between two lizard species	252-258
populations	259-271
in nest-site use by ducks?	272-287
Annett, C. A., and R. Pierotti. Long-term reproductive output in Western Gulls: consequences of alternate tactics in diet choice	288-297
LUDWIG, D. Is it meaningful to estimate a probability of extinction?	298–310
limiting factors with regression quantiles	311–323
ACDOLES	

FELDMAN, R., D. F. TOMBACK, AND J. KOEHLER. Cost of mutualism: competition, tree morphology, and pollen production in limber pine clusters 324-329

LOISELLE, B. A., AND J. G. BLAKE. Dispersal of melastome seeds by fruit-	
eating birds of tropical forest understory	330–336
between body size and home range area in mammals	337–340
WAY. Tree regression analysis on the nesting habitat of smallmouth bass	341–348
Book Reviews	349-357
Number 2, March	
Special Feature—Hybridization and Resistance to Parasites	
FRITZ, R. S. Hybridization and resistance to parasites	359-360
genetic map-based studies of experimental hybrids	361–370
FRITZ, R. S. Resistance of hybrid plants to herbivores: genes, environment, or	371–381
both?	382–391
MOULIA, C. Parasitism of plant and animal hybrids: are facts and fates the same?	392-406
PILSON, D. Plant hybrid zones and insect host range expansion	407–415
understanding of community structure	416–428
Concepts and Synthesis	
PETRAITIS, P. S., AND R. E. LATHAM. The importance of scale in testing the origins of alternative community states	429-442
Other Articles	
MARON, J. L., AND R. L. JEFFERIES. Bush lupine mortality, altered resource	
availability, and alternative vegetation states	443-454
ness along an experimental fertility gradient	455–465
PRESTON, C. A., AND I. T. BALDWIN. Positive and negative signals regulate	466–480
germination in the post-fire annual, Nicotiana attenuata STACHOWICZ, J. J., AND M. E. HAY. Reducing predation through chemically	481-494
mediated camouflage: indirect effects of plant defenses on herbivores KARBAN, R., AND J. S. THALER. Plant phase change and resistance to herbivory	495–509
AGRAWAL, A. A., C. KOBAYASHI, AND J. S. THALER. Influence of prey avail-	510-517
ability and induced host-plant resistance on omnivory by western flower thrips	518-523
KAITANIEMI T, P., S. NEUVONEN, AND T. NYYSSÖNEN. Effects of cumulative defoliations on growth, reproduction, and insect resistance in mountain birch	
V V V C . A	524-532
YAMAMURA, K. Key-factor/key-stage analysis for life table data	533-537
Process models Coomes, D. A., M. Rees, and L. A. Turnbull. Identifying aggregation and	538–553
association in fully mapped spatial data	554-565
models to wildlife resource selection studies	566-575
KILDAW, S. D. Competitive displacement? An experimental assessment of nest site preferences of cliff-nesting gulls	576-586

HIPFNER, J. M., AND A. J. GASTON. Itming of nest departure in the Thick-billed Murre and Razorbill: tests of Ydenberg's model	587-596
FRASER, D. F., J. F. GILLIAM, M. P. MACGOWAN, C. M. ARCARO, AND P. H. GUILLOZET. Habitat quality in a hostile river corridor	597-607
Propagato O. N. N. Cup Carrogary and T. Carroy Carebras and anti-	608-621
BJØRNSTAD, O. N., N. CHR. STENSETH, AND T. SAITOH. Synchrony and scaling in dynamics of voles and mice in northern Japan	622-637
voles and mice: a comparative study	638-650
dynamics of greater gliders into reserve design in disturbed landscapes RESTREPO, C., N. GOMEZ, AND S. HEREDIA. Anthropogenic edges, treefall gaps,	651–667
and fruit-frugivore interactions in a neotropical montane forest	668-685
and energy fluxes of an Alaskan tussock tundra ecosystem	686–701
Reports	
HUNT, H. W., D. E. REUSS, AND E. T. ELLIOTT. Correcting estimates of root	
chemical composition for soil contamination	702-707
ALLEN, R. B., P. J. BELLINGHAM, AND S. K. WISER. Immediate damage by an earthquake to a temperate montane forest	709 714
KUSCH, J. Self-recognition as the original function of an amoeban defense-	708–714
inducing kairomone	715-720
POLISHCHUK, L. V. Contribution analysis of disturbance-caused changes in	721 725
phytoplankton diversity	721–725
Book Reviews	726–734
NUMBER 3, APRIL	
Concepts and Synthesis	
ELSER, J. J., AND J. URABE. The stoichiometry of consumer-driven nutrient recycling: theory, observations, and consequences	735–751
Other Articles	
MORIN, P. Productivity, intraguild predation, and population dynamics in	
experimental food webs	752–760
a detritus-based terrestrial food web	761–772
GRATTON, C., AND S. C. WELTER. Does "enemy-free space" exist? Experi-	761–772 773–785
GRATTON, C., AND S. C. WELTER. Does "enemy-free space" exist? Experimental host shifts of an herbivorous fly	
GRATTON, C., AND S. C. WELTER. Does "enemy-free space" exist? Experimental host shifts of an herbivorous fly	773–785 786–795
GRATTON, C., AND S. C. WELTER. Does "enemy-free space" exist? Experimental host shifts of an herbivorous fly	773–785
GRATTON, C., AND S. C. WELTER. Does "enemy-free space" exist? Experimental host shifts of an herbivorous fly	773–785 786–795
GRATTON, C., AND S. C. WELTER. Does "enemy-free space" exist? Experimental host shifts of an herbivorous fly	773–785 786–795 796–805
GRATTON, C., AND S. C. WELTER. Does "enemy-free space" exist? Experimental host shifts of an herbivorous fly	773–785 786–795 796–805 806–820
GRATTON, C., AND S. C. WELTER. Does "enemy-free space" exist? Experimental host shifts of an herbivorous fly	773–785 786–795 796–805 806–820 821–832

Zaller, J. G., and J. A. Arnone III. Interactions between plant species and earthworm casts in a calcareous grassland under elevated CO ₂	873-881
GOUGH, L., AND J. B. GRACE. Effects of environmental change on plant species density: comparing predictions with experiments	882-890
colonizing early successional habitats on Mount St. Helens	891–907
Hawaiian forest: nutrient supply rate affects resistance and resilience SYMS, C., AND G. P. JONES. Scale of disturbance and the structure of a temperate	908–920
fish guild JENKINS, T. M., JR., S. DIEHL, K. W. KRATZ, AND S. D. COOPER. Effects of	921–940
population density on individual growth of brown trout in streams PEASE, C. M., AND D. J. MATTSON. Demography of the Yellowstone grizzly	941–956
bears Hofer, U., LF. Bersier, and D. Borcard. Spatial organization of a	957–975
herpetofauna on an elevational gradient revealed by null model tests MADSEN, T., AND R. SHINE. Life history consequences of nest-site variation in	976–988
tropical pythons (<i>Liasis fuscus</i>)	989-997
wood ants	998-1007
in goats: a test of intake-rate maximization	1008-1018
movements	1019-1030
parameter estimation using implicit statistical inference	1031-1043
of sampling effort on characterization of food-web structure	1044–1055 1056–1065
	1030 1003
Reports	
GASTREICH, K. R. Trait-mediated indirect effects of a theridiid spider on an ant-plant mutualism SISTERSON, M. S., AND F. L. GOULD. The inflated calyx of <i>Physalis angulata</i> :	1066-1070
a refuge from parasitism for <i>Heliothis subflexa</i> HOFFMAN, E. A., AND D. W. PFENNIG. Proximate causes of cannibalistic	1071-1075
polyphenism in larval tiger salamanders	1076–1080
Comments	
Drenner, R. W., and A. Mazumder. Microcosm experiments have limited relevance for community and ecosystem ecology: Comment	1081-1085
CARPENTER, S. R. Microcosm experiments have limited relevance for community and ecosystem ecology: Reply	1085-1088
and ecosystem ecology: Synthesis of comments	1088-1089
Book Reviews	1090-1101
Errata	1101
Number 4, June	
Special Feature—Meta-analysis in Ecology	
OSENBERG, C. W., O. SARNELLE, AND D. E. GOLDBERG. Meta-analysis in ecol-	
ogy: concepts, statistics, and applications	1103-1104

OSENBERG, C. W., O. SARNELLE, S. D. COOPER, AND R. D. HOLT. Resolving ecological questions through meta-analysis: goals, metrics, and models Goldberg, D. E., T. Rajaniemi, J. Gurevitch, and A. Stewart-Oat-	1105–1117
EN. Empirical approaches to quantifying interaction intensity: competition and facilitation along productivity gradients	1118-1131
selection criteria: meta-analyses of stream predation experiments	1132–1141
HEDGES, L. V., J. GUREVITCH, AND P. S. CURTIS. The meta-analysis of response ratios in experimental ecology	1142–1149 1150–1156
DOWNING, J. A., C. W. OSENBERG, AND O. SARNELLE. Meta-analysis of marine nutrient-enrichment experiments: variation in the magnitude of nutrient limitation	1157–1167
Articles	
VELICER, G. J., AND R. E. LENSKI. Evolutionary trade-offs under conditions of	
resource abundance and scarcity: experiments with bacteria	1168–1179
enhance competitive effects of an invasive forb on a native bunchgrass HARTNETT, D. C., AND G. W. T. WILSON. Mycorrhizae influence plant com-	1180-1186
munity structure and diversity in tallgrass prairie	1187–1195
maculosa	1196–1201
offspring, and translocation in a clonal plant	1202-1220
of spines on pine cones	1221-1229
behavior of sawfly larvae	1230-1241
constraints in a damselfly	1242-1252
EUBANKS, M. D., AND R. F. DENNO. The ecological consequences of variation in plants and prey for an omnivorous insect	1253-1266
TRIPET, F., AND H. RICHNER. Density-dependent processes in the population dynamics of a bird ectoparasite <i>Ceratophyllus gallinae</i>	1267-1277
new test for density-dependent survival: the case of coastal cod populations	1278-1288
HIPFNER, J. M., AND A. J. GASTON. The relationship between egg size and	1289-1297
posthatching development in the Thick-billed Murre	1209-1297
Kite	1298-1310
STRICKLAND. Density dependence, prey dependence, and population dynamics of martens in Ontario	1311-1321
Post, E. S., and N. Chr. Stenseth. Climatic variability, plant phenology, and northern ungulates	1322-1339
WITH, K. A., S. J. CADARET, AND C. DAVIS. Movement responses to patch structure in experimental fractal landscapes	1340-1353
HOFFMANN, W. A. Fire and population dynamics of woody plants in a Neo- tropical savanna: matrix model projections	1354–1369
DONNEGAN, J. A., AND A. J. REBERTUS. Rates and mechanisms of subalpine	
forest succession along an environmental gradient	1370–1384 1385–1394
VANDER ZANDEN, M. J., AND J. B. RASMUSSEN. Primary consumer δ13C and	
δ15N and the trophic position of aquatic consumers	1395-1404

IVES, A. R., S. R. CARPENTER, AND B. DENNIS. Community interaction webs and zooplankton responses to planktivory manipulations	1405–1421
lakes	1422-1431
environmental chemical signals on search behavior and foraging success	1432-1446
Book Reviews	1447-1454
NUMBER 5, JULY	
The Robert H. MacArthur Award Lecture	
TILMAN, D. The ecological consequences of changes in biodiversity: a search for general principles	1455–1474
Concepts and Synthesis	
CLARK, J. S., M. SILMAN, R. KERN, E. MACKLIN, AND J. HILLERIS-LAMBERS. Seed dispersal near and far: patterns across temperate and tropical	
forests HOLT, R. D., J. H. LAWTON, G. A. POLIS, AND N. D. MARTINEZ. Trophic rank	1475–1494
and the species-area relationship	1495–1504
rarity in communities of interacting species	1505–1521
LONSDALE, W. M. Global patterns of plant invasions and the concept of invasibility	1522-1536
DOAK, D. F., AND W. MORRIS. Detecting population-level consequences of ongoing environmental change without long-term monitoring	1537-1551
Other Articles	
THOMAS, S. C., M. JASIENSKI, AND F. A. BAZZAZ. Early vs. asymptotic growth responses of herbaceous plants to elevated CQ. LUO, Y., AND J. F. REYNOLDS. Validity of extrapolating field CO, experiments	1552–1567
to predict carbon sequestration in natural ecosystems SKILLMAN, J. B., M. GARCIA, AND K. WINTER. Whole-plant consequences of	1568-1583
Crassulacean acid metabolism for a tropical forest understory plant PAZ, H., S. J. MAZER, AND M. MARTÍNEZ-RAMOS. Seed mass, seedling emergence, and environmental factors in seven rain forest <i>Psychotria</i> (Rubiaceae)	1584–1593
	1594-1606
THOMAS, S. C., AND F. A. BAZZAZ. Asymptotic height as a predictor of photosynthetic characteristics in Malaysian rain forest trees	1607–1622
LIPSON, D. A., S. K. SCHMIDT, AND R. K. MONSON. Links between microbial population dynamics and nitrogen availability in an alpine ecosystem WRIGHT, S. J., C. CARRASCO, O. CALDERÓN, AND S. PATON. The El Niño	1623–1631
southern oscillation, variable fruit production, and famine in a tropical forest AARS, J., AND R. A. IMS. The effect of habitat corridors on rates of transfer	1632–1647
and interbreeding between vole demes	1648-1655
using a mechanistic home range model Tammaru, T., K. Ruohomäki, and I. Saloniemi. Within-season variability of	1656-1665
pupal period in the autumnal moth: a bet hedging strategy?	1666-1677
body size of aphid migrants	1678-1690
YOSHIMURA, A., K. KAWASAKI, F. TAKASU, K. TOGASHI, K. FUTAI, AND N. SHIGESADA. Modeling the spread of pine wilt disease caused by nematodes	
With pine sawyers as vectors IRWIN, R. E., AND A. K. BRODY. Nectar-robbing bumble bees reduce the fitness	1691–1702
of <i>Ipomopsis aggregata</i> (Polemoniaceae)	1703-1712
several herbivores and plant fitness	1713–1723

QUIRING, D. T., AND M. L. McKINNON. Why does early-season herbivory affect subsequent budburst?	1724-1735
LITTLER, M. M., AND D. S. LITTLER. Blade abandonment/proliferation: a novel	
mechanism for rapid epiphyte control in marine macrophytes	1736–1746
between shrubs and annuals in the Mojave Desert	1747-1761
community	1762–1769
Reports	
NILSSON, C., S. XIONG, M. E. JOHANSSON, AND L. BM. VOUGHT. Effects of	
leaf-litter accumulation on riparian plant diversity across Europe	1770–1775
tallgrass communities	1776–1781
Book Reviews	1782-1787
Number 6, September	
Concepts and Synthesis	
KENDALL, B. E., C. J. BRIGGS, W. W. MURDOCH, P. TURCHIN, S. P. ELLNER, E. McCauley, R. M. Nisbet, and S. N. Wood. Why do populations cycle? A	
synthesis of statistical and mechanistic modeling approaches	1789–1805
Other Articles	
MURRAY, B. R., B. L. RICE, D. A. KEITH, P. J. MYERSCOUGH, J. HOWELL, A. G. FLOYD, K. MILLS, AND M. WESTOBY. Species in the tail of rank-abun-	
dance curves VANDERMEER, J., AND P. YODZIS. Basin boundary collision as a model of dis-	1806–1816
JONASSON, S., A. MICHELSEN, I. K. SCHMIDT, AND E. V. NIELSEN. Responses in microbes and plants to changed temperature, nutrient, and light regimes	1817-1827
in the arctic Gehrke, C. Impacts of enhanced ultraviolet-B radiation on mosses in a sub-	1828-1843
arctic heath ecosystem ANESIO, A. M., L. J. TRANVIK, AND W. GRANÉLI. Production of inorganic carbon	1844-1851
from aquatic macrophytes by solar radiation PRINGLE, C. M., N. HEMPHILL, W. H. McDowell, A. Bednarek, and J. G. March. Linking species and ecosystems: different biotic assemblages cause	1852–1859
interstream differences in organic matter Heneghan, L., D. C. Coleman, X. Zou, D. A. Crossley, Jr., and B. L.	1860-1872
HAINES. Soil microarthropod contributions to decomposition dynamics:	
tropical-temperate comparisons of a single substrate	1873–1882
system	1883-1891
HUGHES, R. F., J. B. KAUFFMAN, AND V. J. JARAMILLO. Biomass, carbon, and nutrient dynamics of secondary forests in a humid tropical region of México	1892–1907
NICOTRA, A. B., R. L. CHAZDON, AND S. V. B. IRIARTE. Spatial heterogeneity	10/2 1/0/
of light and woody seedling regeneration in tropical wet forests Deutschman, D. H., S. A. Levin, and S. W. Pacala. Error propagation in a	1908–1926
forest succession model: the role of fine-scale heterogeneity in light KING, D. A. Juvenile foliage and the scaling of tree proportions with emphasis	1927-1943
on Eucalyptus REICH, P. B., D. S. ELLSWORTH, M. B. WALTERS, J. M. VOSE, C. GRESHAM, J. C. VOLIN, AND W. D. BOWMAN. Generality of leaf trait relationships: a test	
across six biomes	1955–1969

KEINÂNEN, M., R. JULKUNEN-TIITTO, P. MUTIKAINEN, M. WALLS, J. OVASKA, AND E. VAPAAVUORI. Trade-offs in phenolic metabolism of silver birch: effects of fertilization, defoliation, and genotype BAROT, S., J. GIGNOUX, AND JC. MENAUT. Demography of a savanna palm tree: predictions from comprehensive spatial pattern analyses WEBB, C. O., AND D. R. PEART. Seedling density dependence promotes coexistence of Bornean rain forest trees DESIMONE, S. A., AND P. H. ZEDLER. Shrub seedling recruitment in unburned Californian coastal sage scrub and adjacent grassland GALEN, C., AND M. L. STANTON. Seedling establishment in alpine buttercups under experimental manipulations of growing-season length	1970–1986 1987–2005 2006–2017 2018–2032 2033–2044	
WILLIAMS, K., K. C. EWEL, R. P. STUMPF, F. E. PUTZ, AND T. W. WORKMAN. Sealevel rise and coastal forest retreat on the west coast of Florida, USA	2045-2063	
HACKER, S. D., AND M. D. BERTNESS. Experimental evidence for factors maintaining plant species diversity in a New England salt marsh	2064-2073	
(Cactaceae)	2074-2084	
STACHOWICZ, J. J., AND M. E. HAY. Mutualism and coral persistence: the role of herbivore resistance to algal chemical defense	2085-2101	
alpine wetlands	2102-2116	
RELYEA, R. A., AND E. E. WERNER. Quantifying the relation between predator-induced behavior and growth performance in larval anurans	2117–2124	
Book Reviews	2125-2136	
NUMBER 7, OCTOBER		
Special Feature—Within-Stand Nutrient Cycling in Wetland Ecosystmes		
WHIGHAM, D. F., R. R. TWILLEY, AND I. C. FELLER. Within-stand nutrient		
cycling in wetland ecosystems Jonasson, S., and G. R. Shaver. Within-stand nutrient cycling in arctic and	2137–2138	
boreal wetlands BEDFORD, B. L., M. R. WALBRIDGE, AND A. ALDOUS. Patterns in nutrient avail-	2139-2150	
DEDFORD, B. L., M. R. WALBRIDGE, AND A. ALDOUS. Fatterns in nutrient avail-		
ability and plant diversity of temperate North American wetlands	2151–2169	
ability and plant diversity of temperate North American wetlands	2151–2169 2170–2181	
ability and plant diversity of temperate North American wetlands		
ability and plant diversity of temperate North American wetlands	2170-2181	
ability and plant diversity of temperate North American wetlands	2170–2181 2182–2192	
ability and plant diversity of temperate North American wetlands	2170–2181 2182–2192	
ability and plant diversity of temperate North American wetlands	2170–2181 2182–2192 2193–2205	
ability and plant diversity of temperate North American wetlands	2170–2181 2182–2192 2193–2205 2206–2224	
ability and plant diversity of temperate North American wetlands	2170–2181 2182–2192 2193–2205 2206–2224 2225–2236	
ability and plant diversity of temperate North American wetlands	2170–2181 2182–2192 2193–2205 2206–2224 2225–2236 2237–2253 2254–2260	
ability and plant diversity of temperate North American wetlands	2170–2181 2182–2192 2193–2205 2206–2224 2225–2236 2237–2253 2254–2260 2261–2270	

	2283–2298
	2299-2313
Bronikowski, A. M., and S. J. Arnold. The evolutionary ecology of life history variation in the garter snake <i>Thannophis elegans</i>	2314-2325
	2326–2337
intake in Thomson's gazelles?	2338-2347
Daphnia species: a mechanistic explanation	2348–2357
KOLB, K. J., AND J. S. SPERRY. Differences in drought adaptation between	2358-2372
subspecies of sagebrush (Artemisia tridentata) Brown, J. R., AND S. ARCHER. Shrub invasion of grassland: recruitment is continuous and not regulated by herbaceous biomass or density	2373–2384 2385–2396
CHRISTIAN, J. M., AND S. D. WILSON. Long-term ecosystem impacts of an introduced grass in the Northern Great Plains	2397-2407
RAAB, T. K., D. A. LIPSON, AND R. K. MONSON. Soil amino acid utilization among species of the Cyperaceae: plant and soil processes	2408-2419
BIONDI, F., AND J. E. FESSENDEN. Response of lodgepole pine growth to CO ₂ degassing at Mammoth Mountain, California	2420-2426
TRAVERS, S. E. Pollen performance of plants in recently burned and unburned environments	2427-2434
Reports	
NAKANO, S., H. MIYASAKA, AND N. KUHARA. Terrestrial-aquatic linkages: riparian arthropod inputs alter trophic cascades in a stream food web KIESECKER, J. M., AND A. R. BLAUSTEIN. Pathogen reverses competition	2435–2441
between larval amphibians	2442-2448
Errata	2448
Book Reviews	2449-2458
Number 8, December	
Concepts and Synthesis	
NEKOLA, J. C. Paleorefugia and neorefugia: the influence of colonization history on community pattern and process	2459-2473
Other Articles	
	2474-2482
Lyons, S. K., AND M. R. WILLIG. A hemispheric assessment of scale dependence in latitudinal gradients of species richness	2483-2491
DONALSON, D. D., AND R. M. NISBET. Population dynamics and spatial scale: effects of system size on population persistence	2492-2507
PILLAR, V. D. How sharp are classifications? KENDALL, W. L. Robustness of closed capture-recapture methods to violations	2508–2516 2517–2525
of the closure assumption	
dances of vertebrates in the Florida scrub	2526–2538
of senescence	2539-2554

BÉRUBÉ, C. H., M. FESTA-BIANCHET, AND J. T. JORGENSON. Individual differ-	
ences, lon.gevity, and reproductive senescence in bighorn ewes	2555–2565
FARMER, A. H., AND J. A. WIENS. Models and reality: time-energy trade-offs	25// 2500
in Pectoral Sandpiper (Calidris melanotos) migration	2566–2580
McConnaughay, K. D. M., and J. S. Coleman. Biomass allocation in plants: ontogeny or optimality? A test along three resource gradients	2581-2593
ROBERTSON, A. W., C. MOUNTJOY, B. E. FAULKNER, M. V. ROBERTS, AND M.	2361-2393
R. Macnair. Bumble bee selection of <i>Mimulus guttatus</i> flowers: the effects	
of pollen quality and reward depletion	2594-2606
JOHNSON, S. D., AND L. A. NILSSON. Pollen carryover, geitonogamy, and the	2374-2000
evolution of deceptive pollination systems in orchids	2607-2619
KALISZ, S., F. M. HANZAWA, S. J. TONSOR, D. A. THIEDE, AND S. VOIGT. Ant-	2007 2017
mediated seed dispersal alters pattern of relatedness in a population of <i>Tril</i> -	
lium grandiflorum	2620-2634
SILVA MATOS, D. M., R. P. FRECKLETON, AND A. R. WATKINSON. The role of	2020 2031
density dependence in the population dynamics of a tropical palm	2635-2650
PITMAN, N. C. A., J. TERBORGH, M. R. SILMAN, AND P. NUÑEZ V. Tree species	2000 2000
distributions in an upper Amazonian forest	2651-2661
CLARK, D. B., M. W. PALMER, AND D. A. CLARK. Edaphic factors and the	
landscape-scale distributions of tropical rain forest trees	2662-2675
HUNTER, M. D., AND R. E. FORKNER. Hurricane damage influences foliar	
polyphenolics and subsequent herbivory on surviving trees	2676-2682
COOPER-ELLIS, S., D. R. FOSTER, G. CARLTON, AND A. LEZBERG. Forest	
response to catastrophic wind: results from an experimental hurricane	2683-2696
DYER, A. R., AND K. J. RICE. Effects of competition on resource availability	
and growth of a California bunchgrass	2697-2710
Bertness, M. D., G. H. Leonard, J. M. Levine, P. R. Schmidt, and A. O.	
INGRAHAM. Testing the relative contribution of positive and negative inter-	
actions in rocky intertidal communities	2711-2726
BOUGHTON, D. A. Empirical evidence for complex source-sink dynamics with	
alternative states in a butterfly metapopulation	2727–2739
SCHNEIDER, J. C. Dispersal of a highly vagile insect in a heterogeneous en-	
vironment	2740-2749
STRONG, D. R., A. V. WHIPPLE, A. L. CHILD, AND B. DENNIS. Model selection	
for a subterranean trophic cascade: root-feeding caterpillars and entomo-	2750 2761
pathogenic nematodes	2750-2761
JENKINSON, D. S., J. MEREDITH, J. I. KINYAMARIO, G. P. WARREN, M. T. F.	
WONG, D. D. HARKNESS, R. BOL, AND K. COLEMAN. Estimating net primary production from measurements made on soil organic matter	2762 2772
YANAI, R. D., T. G. SICCAMA, M. A. ARTHUR, C. A. FEDERER, AND A. J.	2762–2773
FRIEDLAND. Accumulation and depletion of base cations in forest floors in	
the northeastern United States	2774-2787
the northeastern Onice States	2/14-2/01
Reports	
SIEMANN, E., AND J. H. BROWN. Gaps in mammalian body size distributions	2700 2702
reexamined	2788–2792
ARENDT, J. D., AND D. S. WILSON. Countergradient selection for rapid growth in pumpkinseed sunfish: disentangling ecological and evolutionary effects	
in pumpkinseed suntish. disentanging ecological and evolutionary effects	2793-2798
SOLOW, A. R., AND S. POLASKY. A quick estimator for taxonomic surveys	2799-2803
seed of the set to be a content of the set to be the set t	21// 2000
Book Reviews	2804-2811
Ad Hoc Editors of Manuscripts	2812
Reviewers of Manuscripts	2812
Index for Volume 80	2824
Author Index	2824
Key Word Index	2827
Rook Review Index	2840

